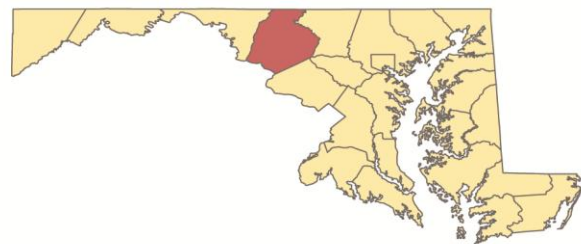


FREDERICK COUNTY



Frederick County has some notable health strengths and other areas where an investment in targeted action could pay dividends over the upcoming years.

Good News! In terms of the 39 SHIP measures, Frederick County performs best relative to the State baseline on air quality, emergency department visits related to domestic violence, and new HIV infections.

Challenges – The top five SHIP measures where Frederick County performs worse than the State baseline are the proportion of hospitalizations related to Alzheimer's disease and other dementias, suicide, influenza vaccinations, access to healthy food, and Salmonella infections.

The SHIP website provides continuously updated tools to address health challenges in the County, as well as tips and resources for individuals. The website also features news and opportunities to inform evidence based local action. We invite you to visit the website frequently and let us know how to improve it by clicking on the comment link. You can also friend us on Facebook <http://www.facebook.com/MarylandSHIP> or follow us on Twitter <http://www.twitter.com/MarylandSHIP> for regular news and resources. Click on the link at the bottom of this page or e-mail the coalition contact listed below to get involved or learn more.

Demographics	Frederick	Maryland
Total Population*	233,385	5,773,552
Age*, %		
Under 5 Years	6.4%	6.3%
Under 18 Years	25.3%	23.4%
65 Years and Older	11.1%	12.3%
Race/Ethnicity*, %		
White	81.5%	58.2%
Black	8.6%	29.4%
Native American	0.3%	0.4%
Asian	3.8%	5.5%
Hispanic or Latino origin	7.3%	8.2%
Median Household Income**	\$81,436	\$70,017
Households in Poverty**, %	5.5%	8.6%
Pop. 25+ Without H.S. Diploma**, %	8.4%	12.1%
Pop. 25+ With Bachelor's Degree or Above**, %	36.2%	35.6%

Sources: *U.S. Census (2010), **American Community Survey (2008-2010)

Health Improvement Coalition Contact:

Barbara Brookmyer, MD

Health Officer

301-600-2509

bbrookmyer@dhmh.state.md.us



Local Health Improvement Coalition Website:

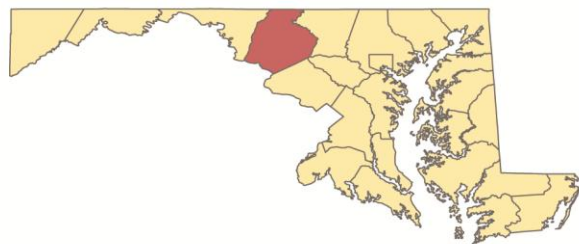
<http://www.FrederickCountyMD.gov/LHIP>

Minority Outreach Contact:

Life and Discovery

http://dhmh.maryland.gov/hd/mota/pdf/LIFE_and_Discovery.pdf

FREDERICK COUNTY

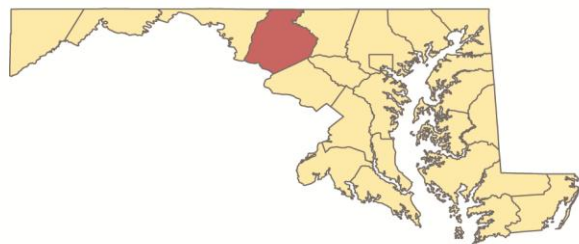


High Impact Objectives

Figures in **RED**/**GREEN** represent when the county baseline is **WORSE**/**BETTER** than the state baseline.

Obj #	SHIP Measure (County Baseline Source)	County Baseline	Maryland Baseline	Maryland 2014 Target
High Morbidity Impact				
17	Rate of ED visits for asthma per 100,000 population (HSCRC 2010)	427.6	850.0	671.0
27	Rate of ED visits for diabetes per 100,000 population (HSCRC 2010)	223.2	347.2	330.0
28	Rate of ED visits for hypertension per 100,000 population (HSCRC 2010)	162.8	237.9	225.0
34	Rate of ED visits for a behavioral health condition per 100,000 population (HSCRC 2010)	1,099.5	1,206.3	1,146.0
High Mortality Impact				
25	Rate of heart disease deaths per 100,000 population (age adjusted) (VSA 2007-2009)	196.4	194.0	173.4
26	Rate of cancer deaths per 100,000 population (age adjusted) (VSA 2007-2009)	179.8	177.7	169.2
Multiple Impact Objectives (those objectives with a high rate of return on investment)				
3	Percentage of births that are LBW (VSA 2007-2009)	8.1%	9.2%	8.5%
6	Percentage of births where mother received first trimester prenatal care (VSA 2007-2009)	77.9%	80.2%	84.2%
11	Percentage of students who graduate high school four years after entering 9th grade (MSDE 2010)	91.0%	80.7%	84.7%
30	Percentage of adults who are at a healthy weight (not overweight or obese) (BRFSS 2008-2010)	35.8%	34.0%	35.7%
31	Percentage of youth (ages 12-19) who are obese (MYTS 2008)	9.1%	11.9%	11.3%
32	Percentage of adults who currently smoke (BRFSS 2008-2010)	13.6%	15.2%	13.5%
33	Percentage of high school students (9-12 grade) that have used any tobacco product in the past 30 days (MYTS 2010)	22.6%	24.8%	22.3%
36	Percentage of civilian, non- institutionalized 18-64 yr olds with any type of health insurance (BRFSS 2008-2010)	89.5%	86.5%	90.9%
38	Percentage of children 4-20 yrs enrolled in Medicaid that received a dental service in the past year (Medicaid CY2009)	64.7%	59.0%	62.0%
39	Percentage of people who reported there was a time in the last 12 months they could not afford to see a doctor (BRFSS 2008-2010)	11.0%	12.0%	11.4%

FREDERICK COUNTY



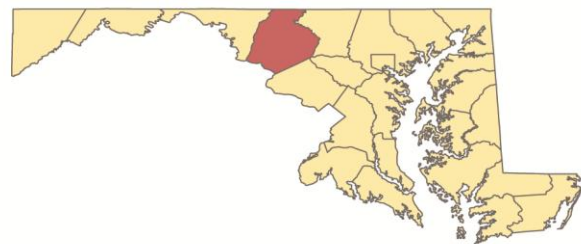
SHIP Measures Ranked by Percent Difference from Maryland Baseline (Worst to Best)

Figures in **RED**/**GREEN** represent when the county baseline is **WORSE**/**BETTER** than the state and national baselines.

Obj#	SHIP Measure (County Baseline Source)	County Baseline	Maryland Baseline	National Baseline	County by Race/ Ethnicity*	Maryland Target 2014	% Diff from Maryland Baseline	% Diff from National Baseline
35	Rate of hospital admissions related to dementia/ Alzheimer's per 100,000 population (HSCRC 2010)	24.9	17.3	N/A		16.4	-43.7	N/A
8	Rate of suicides per 100,000 population (VSA 2007-2009)	11.9	9.6	11.3		9.1	-24.2	-5.5
24	Percentage of adults who have had a flu shot in last year (BRFSS 2008-2010)	40.0%	43.0%	25.0%	White/NH-41.9% Black-25.3% Hispanic-41.4%	62.0%	-7.0	60.0
18	Percentage of census tracts with food deserts (USDA 2000)	6.1%	5.8%	10.0%		5.5%	-5.2	39.0
16	Rate of Salmonella infections per 100,000 (IDEHA 2010)	19.7	18.8	15.2		12.7	-4.8	-29.6
6	Percentage of births where mother received first trimester prenatal care (VSA 2007-2009)	77.9%	80.2%	70.8%	White/NH-84.9% Black-65.6% Asian-80.8% Hispanic-52.1%	84.2%	-2.9	10.0
25	Rate of heart disease deaths per 100,000 population (age adjusted) (VSA 2007-2009)	196.4	194.0	190.9	White-198.6 Black-165.7	173.4	-1.2	-2.9
26	Rate of cancer deaths per 100,000 population (age adjusted) (VSA 2007-2009)	179.8	177.7	178.4	White-178.7 Black-193.2	169.2	-1.2	-0.8

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FREDERICK COUNTY



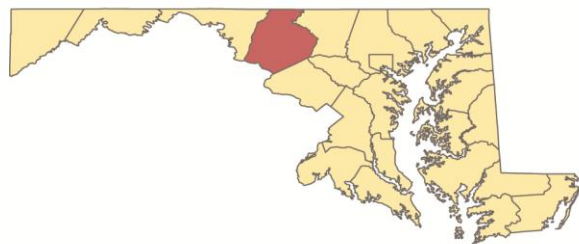
SHIP Measures Ranked by Percent Difference from Maryland Baseline (Worst to Best)

Figures in **RED**/**GREEN** represent when the county baseline is **WORSE**/**BETTER** than the state and national baselines.

Obj#	SHIP Measure (County Baseline Source)	County Baseline	Maryland Baseline	National Baseline	County by Race/ Ethnicity*	Maryland Target 2014	% Diff from Maryland Baseline	% Diff from National Baseline
1	Life expectancy at birth (VSA 2009)	80.1	78.6	77.9		82.5	1.9	2.8
36	Percentage of civilian, non-institutionalized 18-64 yr olds with any type of health insurance (BRFSS 2008-2010)	89.5%	86.5% ^	N/A		90.9%	3.5	N/A
30	Percentage of adults who are at a healthy weight (not overweight or obese) (BRFSS 2008-2010)	35.8%	34.0%	30.8%	White/NH- 36.6% Black- 21.8%	35.7%	5.3	16.2
39	Percentage of people who reported there was a time in the last 12 months they could not afford to see a doctor (BRFSS 2008-2010)	11.0%	12.0%	14.6%	White/NH- 9.5% Black- 10.2% Hispanic- 33.6%	11.4%	8.3	24.7
10	Percentage of children who enter kindergarten ready to learn (MSDE 2010-2011)	88.0%	81.0%	N/A		85.0%	8.6	N/A
34	Rate of ED visits for a behavioral health condition per 100,000 population (HSCRC 2010)	1,099.5	1,206.3	N/A	White- 1,103.0 Black- 1,454.2 Asian-3 69.4 Hispanic- 332.7	1,146.0	8.9	N/A

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FREDERICK COUNTY



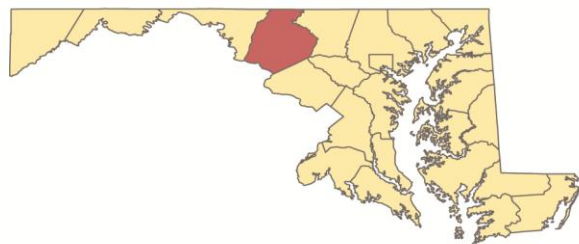
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Obj#	SHIP Measure (County Baseline Source)	County Baseline	Maryland Baseline	National Baseline	County by Race/ Ethnicity*	Maryland Target 2014	% Diff from Maryland Baseline	% Diff from National Baseline
33	Percentage of high school students (9-12 grade) that have used any tobacco product in the past 30 days (MYTS 2010)	22.6%	24.8%	26.0%		22.3%	8.9	13.1
38	Percentage of children 4-20 yrs enrolled in Medicaid that received a dental service in the past year (Medicaid CY2009)	64.7%	59.0%	N/A		62.0%	9.7	N/A
32	Percentage of adults who currently smoke (BRFSS 2008-2010)	13.6%	15.2%	20.6%	White/NH- 15.1% Black- 4.2% Hispanic- 3.4%	13.5%	10.5	34.0
11	Percentage of students who graduate high school four years after entering 9th grade (MSDE 2010)	91.0%	81.0%	75.0%		84.7%	12.0	1.2
3	Percentage of births that are LBW (VSA 2007-2009)	8.1%	9.2%	8.2%	White/NH- 7.5% Black- 11.6% Asian- 10.1% Hispanic- 7.6%	8.5%	12.8	21.5
14	Rate of deaths associated with falls per 100,000 population (VSA 2007-2009)	6.2	7.3	7.0		6.9	15.3	11.7

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FREDERICK COUNTY



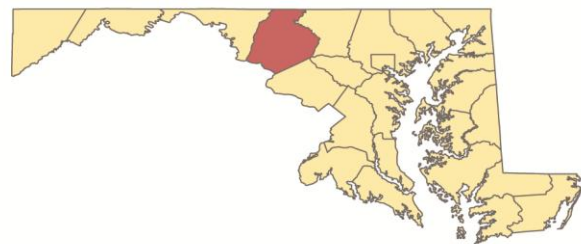
SHIP Measures Ranked by Percent Difference from Maryland Baseline (Worst to Best)

Figures in **RED**/**GREEN** represent when the county baseline is **WORSE**/**BETTER** than the state and national baselines.

Obj#	SHIP Measure (County Baseline Source)	County Baseline	Maryland Baseline	National Baseline	County by Race/ Ethnicity*	Maryland Target 2014	% Diff from Maryland Baseline	% Diff from National Baseline
31	Percentage of youth (ages 12-19) who are obese (MYTS 2008)	9.1%	11.9%	17.9%		11.3%	23.5	49.2
2	Infant Mortality Rate per 1,000 births(VSA 2007-2009)	5.4	7.2	6.7	White/NH-4.4 Black-11.8	6.6	25.0	19.4
28	Rate of ED visits for hypertension per 100,000 population (HSCRC 2010)	162.8	237.9	N/A	White-142.9 Black-426.8	225.0	31.6	N/A
27	Rate of ED visits for diabetes per 100,000 population (HSCRC 2010)	223.2	347.2	N/A	White-197.1 Black-536.0	330.0	35.7	N/A
29	Rate of drug-induced deaths per 100,000 population (VSA 2007-2009)	8.4	13.4	12.6		12.4	37.4	33.4
7	Rate of indicated non-fatal child maltreatment cases reported to social services per 1,000 children under age 18 (Dept of Human Resources FY2010)	2.9	5.0	9.4		4.8	41.4	68.8
17	Rate of ED visits for asthma per 10,000 population (HSCRC 2010)	42.8	85.0	N/A	White-30.8 Black-141.9 Hispanic-44.4	67.1	49.7	N/A

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FREDERICK COUNTY



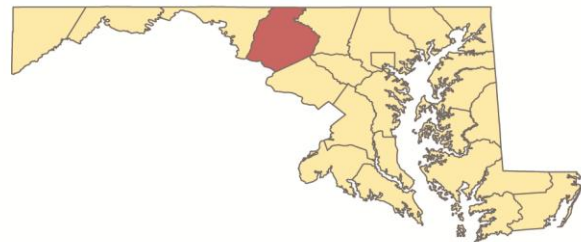
SHIP Measures Ranked by Percent Difference from Maryland Baseline (Worst to Best)

Figures in **RED**/**GREEN** represent when the county baseline is **WORSE**/**BETTER** than the state and national baselines.

Obj#	SHIP Measure (County Baseline Source)	County Baseline	Maryland Baseline	National Baseline	County by Race/ Ethnicity*	Maryland Target 2014	% Diff from Maryland Baseline	% Diff from National Baseline
21	Rate of Chlamydia infection for all ages per 100,000 (IDEHA 2009)	187.6	416.7	N/A	White-82.7 Black-637.8 Hispanic-248.6 (all ages)	N/A	55.0	N/A
15	Rate of pedestrian injuries (SHA 2007-2009)	15.2	39.0	22.6		29.7	61.1	32.9
19	Number of days per year the AQI exceeded 100; not all counties are measured for AQI (EPA 2008)	3.0	8.4	11.0		8.0	64.3	72.7
12	Rate ED visits related to domestic violence/abuse per 100,000 population (HSCRC 2010)	24.0	69.6	N/A		66.0	65.5	N/A
20	Rate of new (incident) cases of HIV in persons age 13 and older per 100,000 (IDEHA 2009)	7.0	32.0	N/A		30.4	78.1	N/A
4	Rate of SUIDs (includes deaths attributed to Sudden Infant Death Syndrome (SIDS), Accidental Suffocation and Strangulation in Bed (ASSB) and deaths of unknown cause) per 1,000 births (VSA 2005-2009)	15 (Count only) ***	1.0	0.9		0.89	N/A	N/A

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FREDERICK COUNTY



SHIP Measures Ranked by Percent Difference from Maryland Baseline (Worst to Best)

Obj#	SHIP Measure (County Baseline Source)	County Baseline	Maryland Baseline	National Baseline	County by Race/ Ethnicity*	Maryland Target 2014	% Diff from Maryland Baseline	% Diff from National Baseline
9	Rate of deaths associated with fatal crashes where driver had alcohol involvement (SHA 2009)	***, 2 (Count only)	.29 per 100,000 vehicle miles traveled	.40 per 100,000 vehicle miles traveled		.27 per 100,000 vehicle miles traveled	N/A	N/A
13	Rate of new (incident) cases of elevated blood lead level in children under 6 per 100,000 (MDE 2009)	***, 7 (Count only)	79.1	N/A		39.6	N/A	N/A

Three-year rolling averages are presented for many of the measures as a means to display more stable data (less year-to-year variation) while showing change over time. Data details for figures found in "National Baseline" and "Maryland Baseline" columns can be found on the Maryland SHIP webpage under MEASURES at <http://dhmh.maryland.gov/ship/measures.html>.

* Race/ethnicity definitions based on the sources of data used. Hispanic origin can be from any race; White/NH denotes those who are both White and of Non-Hispanic origin.

***Rates based on counts less than 20 are not shown due to instability.

^ Maryland baseline value for Objective #36 - Proportion of persons with health insurance -- has been adjusted to allow for comparison with county level data.

Percent difference formula:

$$\frac{x_{\text{county}} - x_{\text{state}}}{x_{\text{state}}} \times 100$$